THE CLAIMS

We claim:

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1. A method for manufacturing a coated medical device having a coated portion which comprises the steps of:

- (a) obtaining a structure having an inner surface and an outer surface;
- (b) coating at least a portion of the inner or outer surface with a first coating material; and
- (c) ablating the coated structure with an ultrashort-pulse laser to form at least one opening therein to form the coated portion of the medical device.
- 2. The method of claim 1, wherein the structure is a tubular structure.
- 3. The method of claim 1, wherein the medical device is a stent.
- 15 4. The method of claim 1, wherein step (b) comprises only coating the inner surface of the structure with the first coating material.
 - 5. The method of claim 1, wherein step (b) comprises only coating the outer surface of the structure with the first coating material.
 - 6. The method of claim 1, wherein step (b) comprises:
 - (i) coating the inner surface of the structure with the first coating material and
 - (ii) coating the outer surface of the structure with a second coating material.
- 7. The method of claim 7, wherein the first coating material and the second coating material are the same.
 - 8. The method of claim 1, wherein the first coating material is a coating composition and the surface is coated by dipping the surface into the coating composition.
- 9. The method of claim 1, wherein the first coating material is a coating composition and the surface is coated by spray-coating the coating composition onto the surface.
- 35 The method of claim 1, wherein the first coating material comprises a polymer and a biologically active material.

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- 11. The method of claim 1, wherein the first coating material comprises a biologically active material, and the coating step (b) is conducted by immobilizing the first coating material onto at least of a portion of the surface.
- 13. The method of claim 1, wherein the coated structure is ablated to form a plurality of openings therein that define a plurality of struts.
 - 13. The method of claim 1, which further comprises cutting the coated structure into sections to form more than one coated portion.
- 14. The method of claim 13, wherein the cutting step is conducted between coating step and the ablating step.
 - 15. A method for manufacturing a coated medical device having a coated portion which comprises the steps of:
 - (a) obtaining a plate having a first surface and a second surface;
 - (b) coating at least a portion of the first surface or second surface which a first coating material;
 - (c) ablating the coated plate with an ulrashort-pulse laser to form at least one opening therein; and
- 20 (d) forming the coated portion with the ablated plate.
 - 16. The method of claim 15, wherein the coated portion is a tube-like portion.
 - 17. The method of claim 15, wherein the medical device is a stent.
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 18. The method of claim 15, wherein step (b) comprises only coating the first surface of the plate with the first coating material.
- 19. The method of claim 15, wherein step (b) comprises only coating the second surface of the plate with the first coating material.
 - 20. The method of claim 15, wherein step (4) comprises:
 - (i) coating the first surface of the plate with the first coating material and
 - (ii) coating the second surface of the plate with a second coating material.

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- 21. The method of claim 15, wherein the first coating material and the second coating material are the same.
- 22. The method of claim 15, wherein the first coating material is a coating composition and the surface is coated by dipping the surface into the coating composition.
- 23. The method of claim 15, wherein the first coating material is a coating composition and the surface is coated by spray-coating the coating composition onto the surface.
- 10 24. The method of claim 15, wherein the first coating material comprises a biologically active material, and coating is conducted by immobilizing the first coating material onto at least of a portion of the surface.
- 25. The method of claim 15, wherein the first coating material comprises a polymer and a biologically active material.
 - 26. The method of claim 15, wherein the coated plate is ablated to form a plurality of openings therein that define a plurality of struts.
- 27. The method of claim 15, which further comprises cutting the coated plate into sections to form more than one coated tube-like portion.
 - 28. The method of claim 27, wherein the cutting step is conducted between the coating step and the ablating step.
 - 29. The method of claim 27, wherein the coated plate is cut as it is ablated.

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